

OFFICIAL

CMC / 3/22/99

Attorney Docket No. 5721-5

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	Cupp <i>et al.</i>	Group Art Unit:	1632
Appl. No.:	09/036,113	Examiner:	To be Assigned
Filed:	March 6, 1998		
For:	<i>Antithrombin Protein and DNA Sequences</i>		

March 22, 1999

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination of the above-referenced application, the Examiner is respectfully requested to enter the following amendments.

IN THE CLAIMS

Please add the following new claims:

~~6~~
~~18.~~ A composition comprising a substantially purified protein having the amino acid sequence given in SEQ ID NO: 2, and a pharmaceutical carrier.

~~7~~
~~19.~~ The composition of claim ~~18~~, wherein said protein is produced by recombinant methods.

~~18~~
~~20.~~ A pharmaceutical composition comprising a substantially purified protein having anti-thrombin activity, wherein said protein is isolated from the salivary glands of a species of the order Nematocera and a pharmaceutical carrier.

~~21.~~ The pharmaceutical composition of claim ~~20~~, wherein said protein comprises the amino acid sequence given in SEQ ID NO: 2.--